

Figure 1

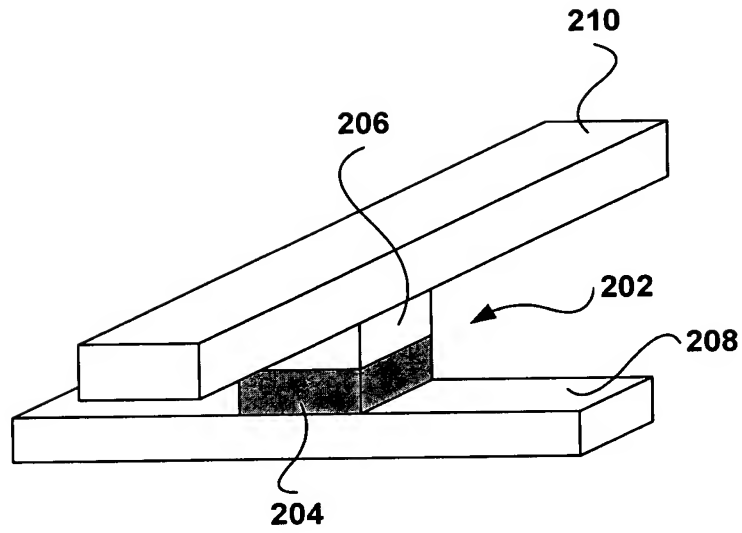


Figure 2A

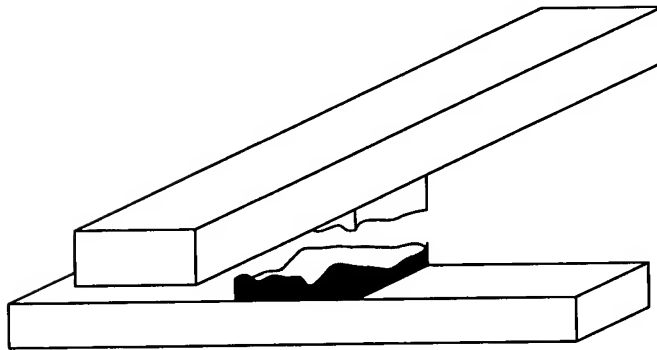
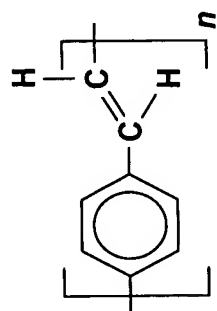
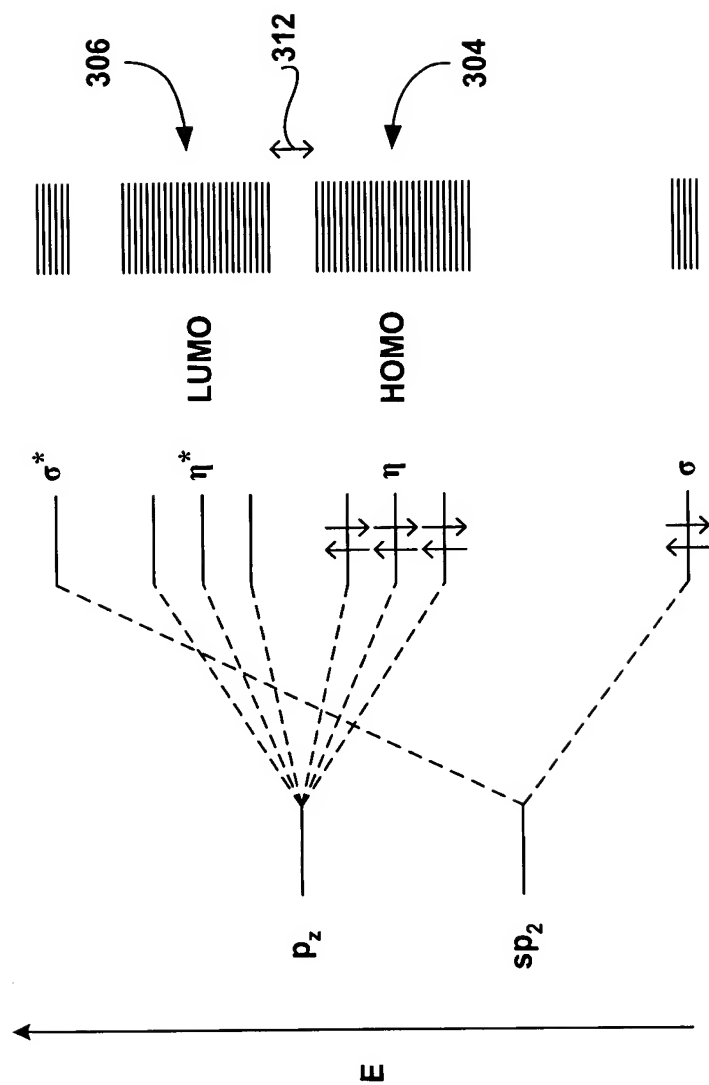
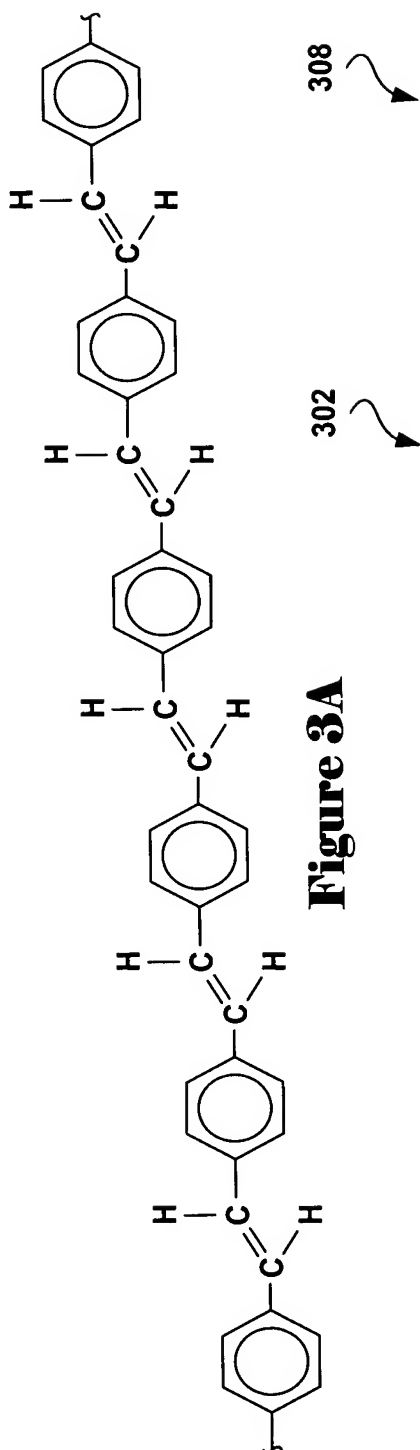


Figure 2B





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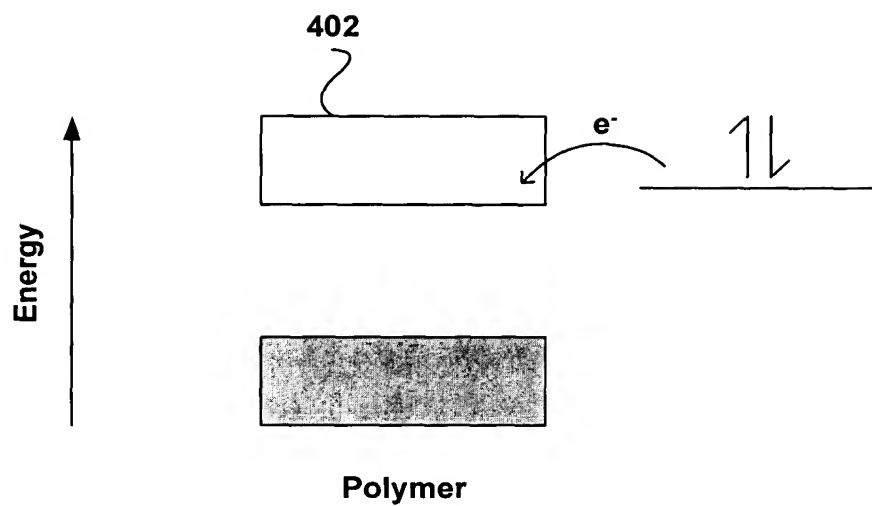


Figure 4A

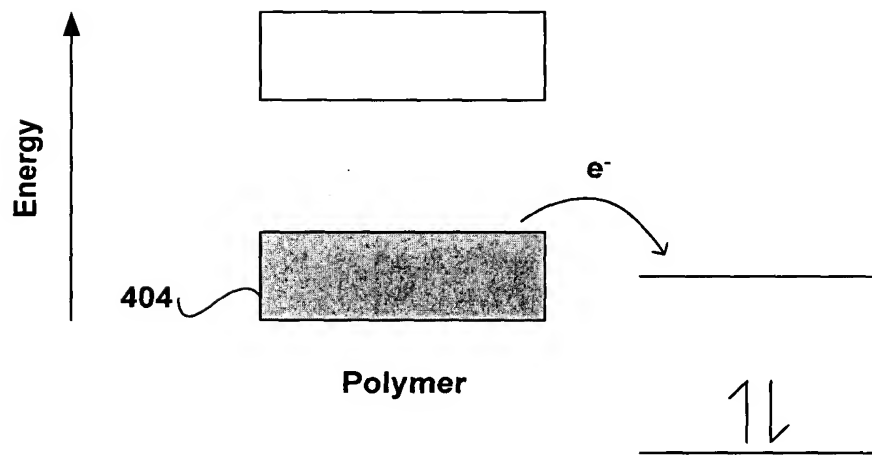


Figure 4B

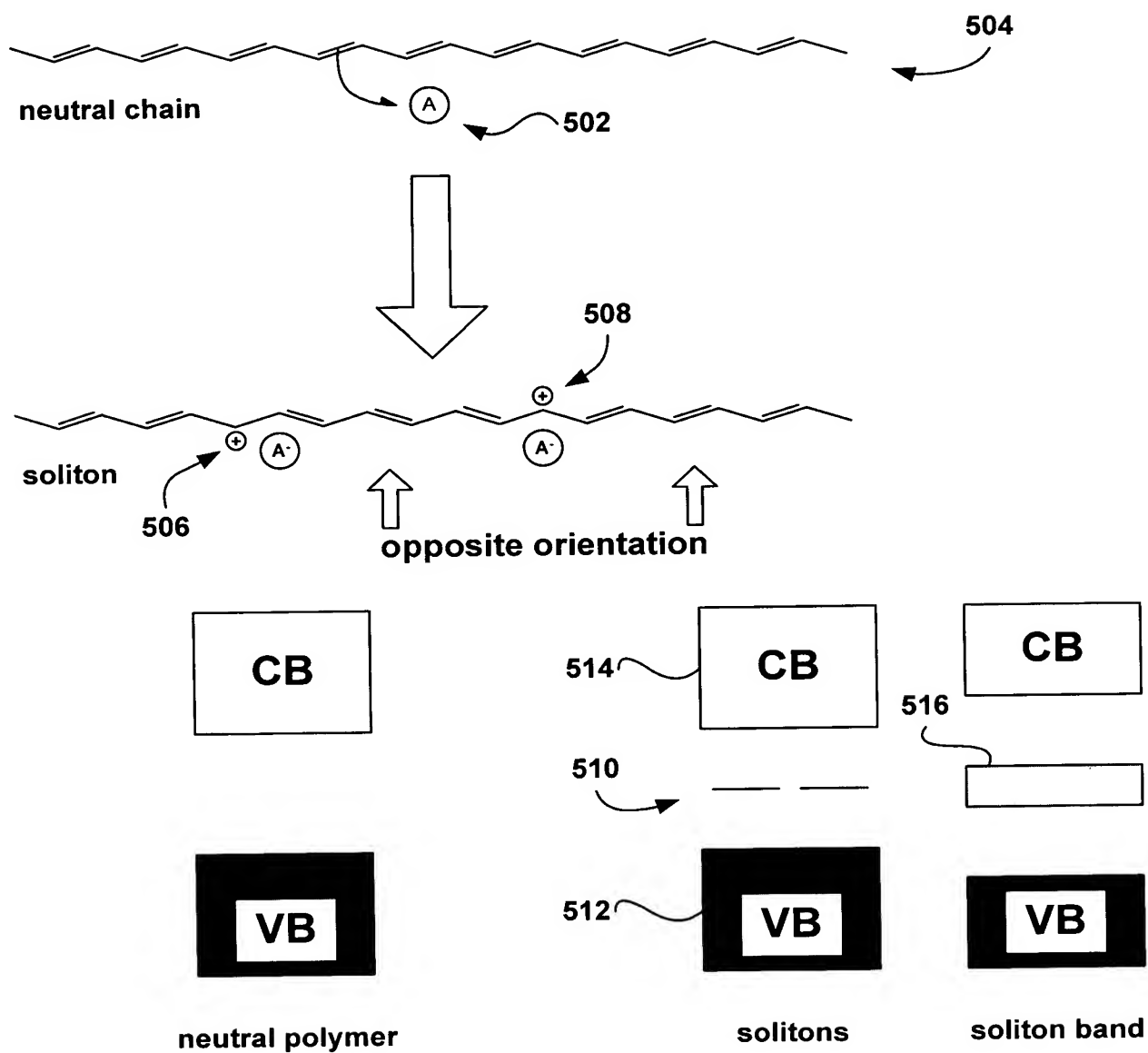


Figure 5

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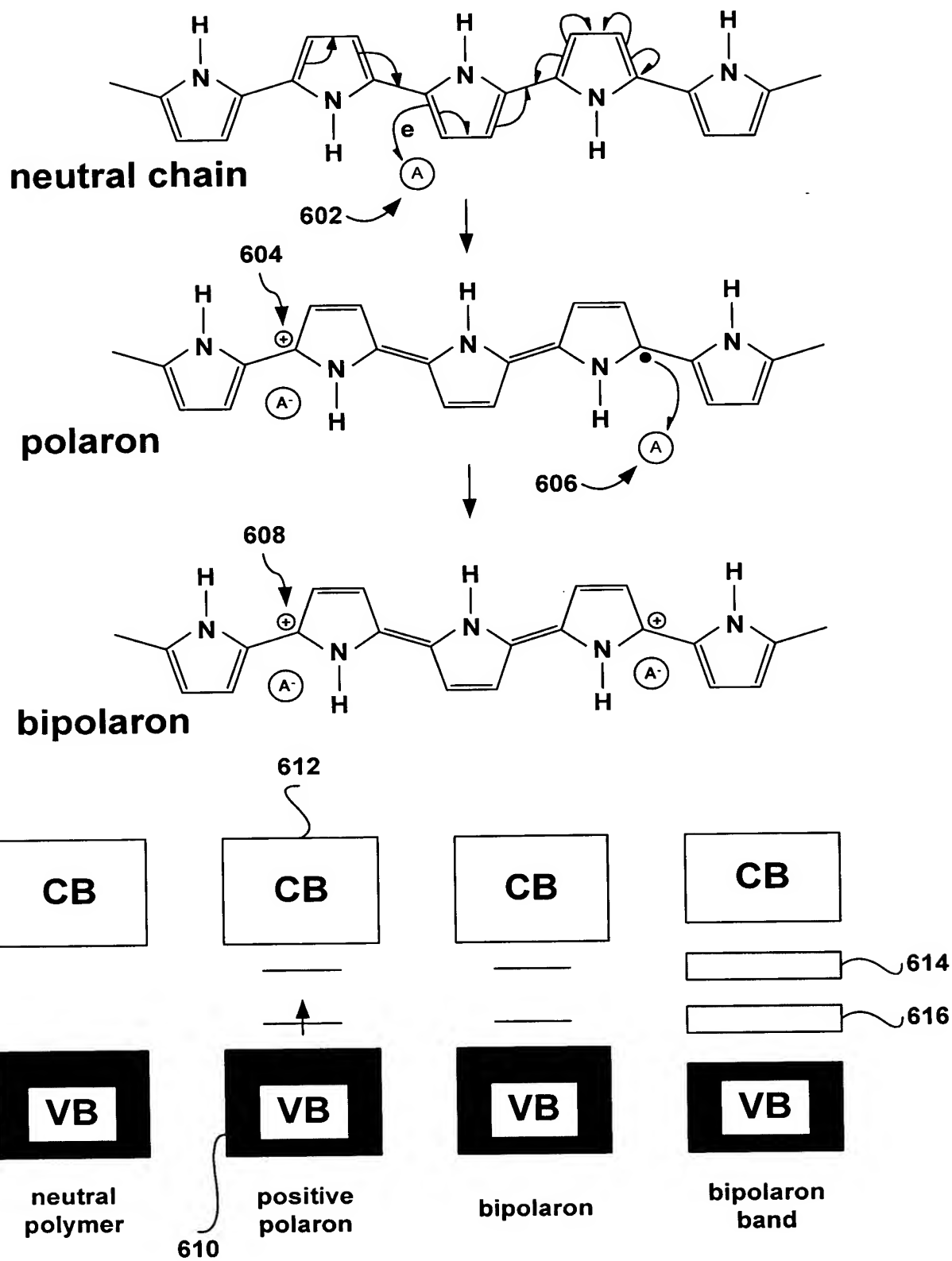


Figure 6

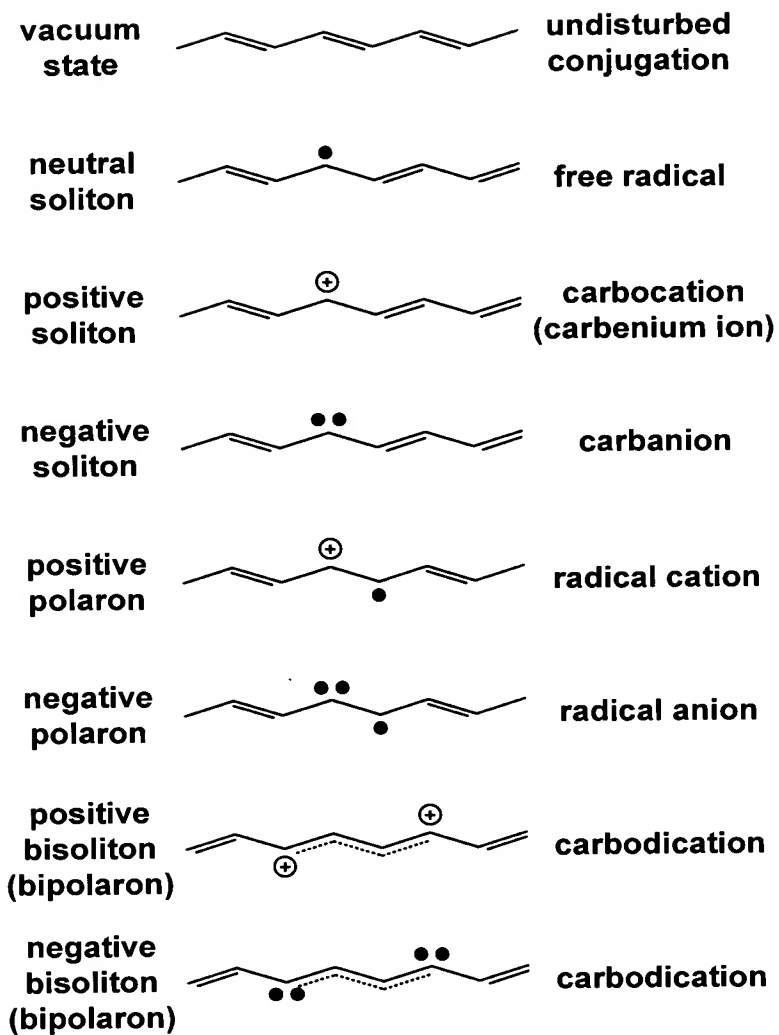


Figure 7

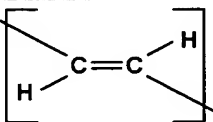
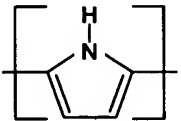
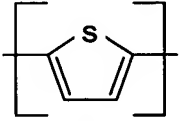
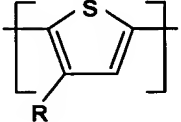
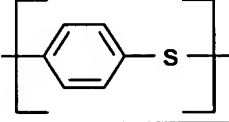
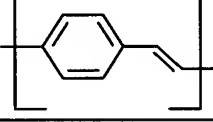
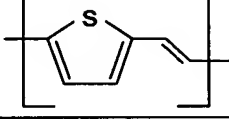
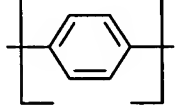
polymer	structure	dopants
polyacetylene		I_2, Br_2, Li, Na, AsF_5
polypyrrole		BF_4^-, ClO_4^-
polythiophene		BF_4^-, ClO_4^-
poly (3-alkylthiophene)		BF_4^-, ClO_4^-
polyphenylene sulphide		AsF_5
polyphenylenevinylene		AsF_5
polythienylenevinylene		AsF_5
polyphenylene		AsF_5, Li, Na

Figure 8A

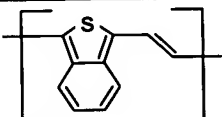
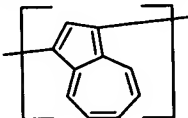
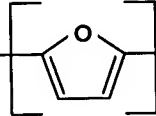
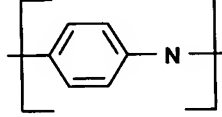
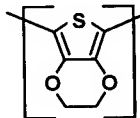
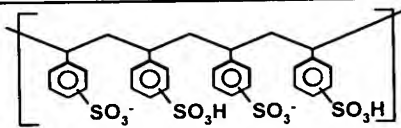
polymer	structure	dopants
polyisothianaphthelene		BF_4^- ; ClO_4^-
polyazulene		BF_4^- ; ClO_4^-
polyfuran		BF_4^- ; ClO_4^-
polyaniline		HCl
poly (3,4- ethylene dioxothiophene)		

Figure 8B

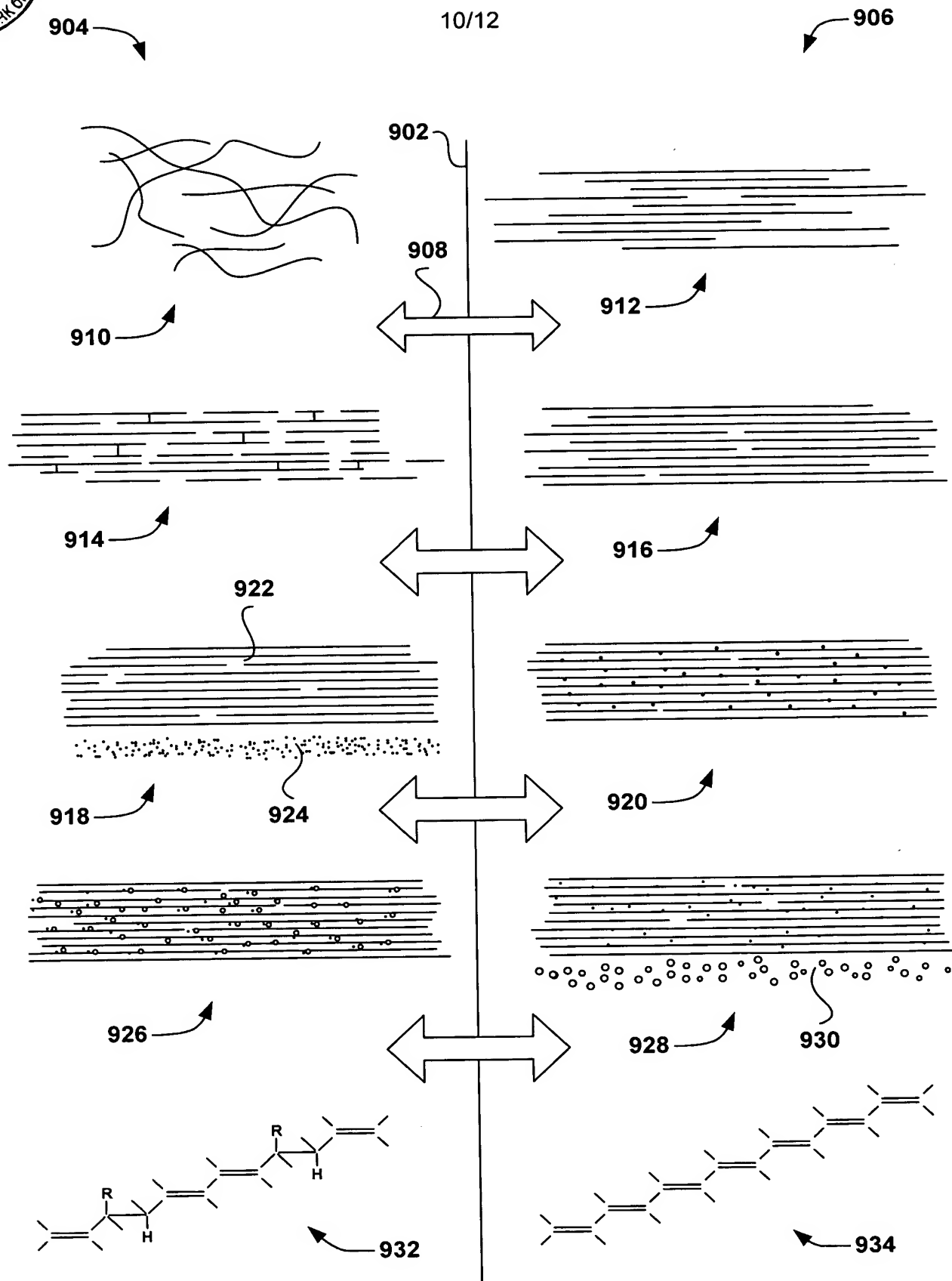


Figure 9

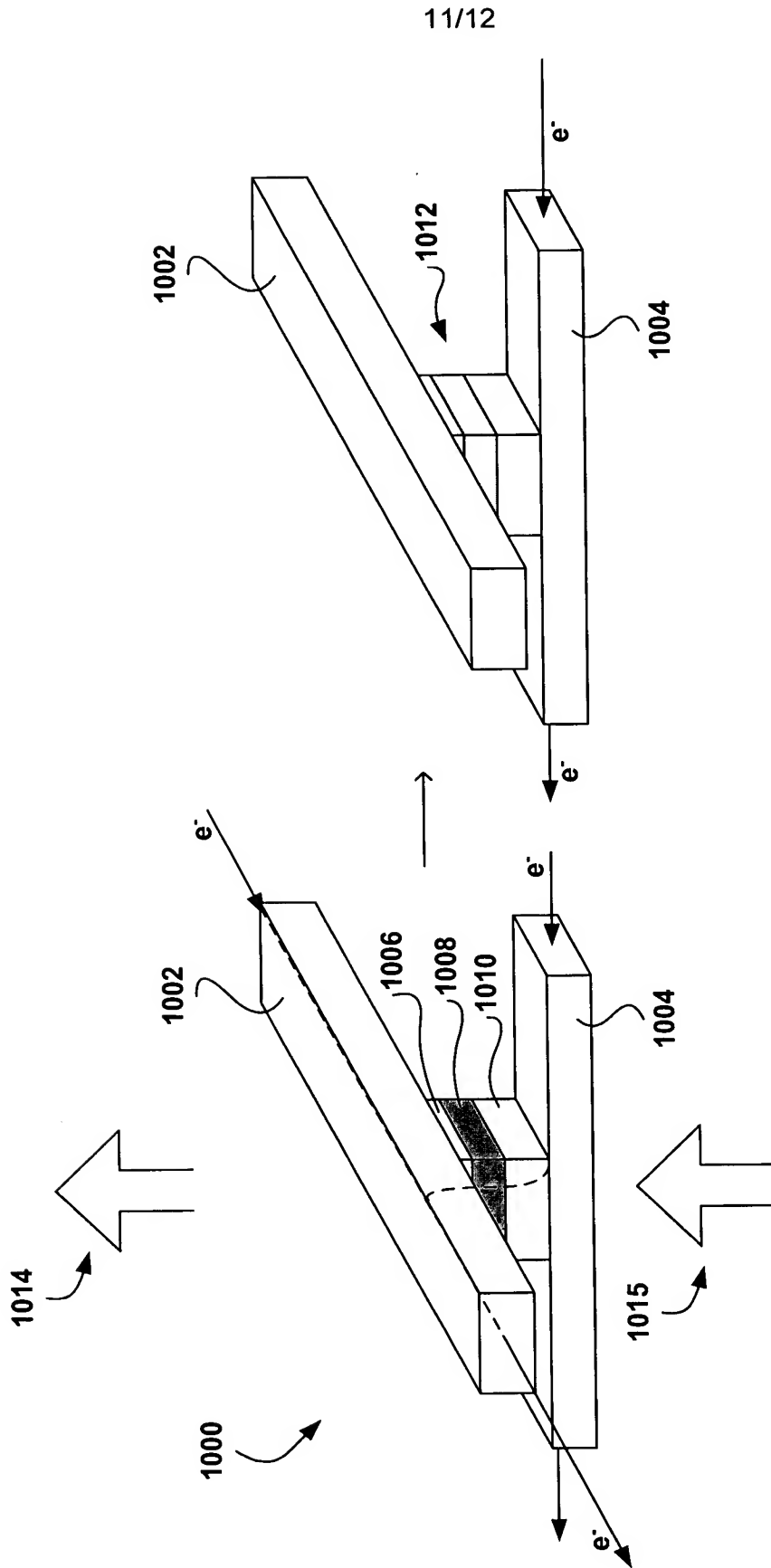


Figure 10

